

**Federal Aviation Administration
Air Transportation
Centers of Excellence
4th Annual Joint Meeting**

***Global Leadership
Commitment to Worldwide Improvements***

March 14 – 16, 2005

Co-Hosts

Harris Corporation

Melbourne, FL

University of Central Florida

Orlando, FL

Sponsors

University of Central Florida

Harris Corporation

The Boeing Company

Cessna Aircraft Company

Pratt & Whitney

Lockheed-Martin

General Electric Company

Tandberg Inc.

Raytheon

Gulfstream Aerospace Corporation

Galaxy Scientific Corporation

Engine Titanium Consortium (ETC)

Aviation Management Associates

Center for Advanced Transportation Systems Simulation (CATSS)



The FAA COE for Aircraft Noise & Aviation Emissions Mitigation (PARTNER)

Air Transportation Centers of Excellence

Airport Technology
Operations Research (NEXTOR)
Airworthiness Assurance (AACE)
General Aviation (CGAR)
Noise & Emissions Mitigation (PARTNER)
Advanced Materials
Airliner Cabin Environment Research (ACER)

Monday, March 14, 2005

MELBOURNE, FLORIDA

HOST: **Harris Corporation**
LOCATION: Customer Briefing Center
1025 West NASA Boulevard
MELBOURNE, FL

8:00 am	Sign-in & Breakfast
9:00 am	COE Business Meetings
10:00 am	Plant Tours*
12:00 pm	Luncheon Introduction: John Johnson , Director of Engineering Welcome: Ray Thorpe Vice President of FAA Programs Harris Corporation
1:00 pm	COE Business Meetings Plant Tours* JPDO COE Outreach Meeting
4:30 pm	Depart for Orlando

* Advanced registration required. See COE website for details.
Tours limited to 20 per group

Monday
Concurrent activities in ORLANDO, FLORIDA

HOST: University of Central Florida

LOCATION: Engineering Building 2 Atrium
4000 Central Florida Blvd
Orlando, FL

1:00 pm – 9:00 pm **Registration**

1:00 pm – 6:00 pm **Booth/Poster Set up**

6:00 pm – 9:00 pm **Booths Open / Student Posters Displayed**

7:00 pm – 9:00 pm **Student Poster Contest**

CHAIR: John Gardner, Boise State University

(Students will be with their posters to answer judges' questions during the competition)

Tuesday, March 15, 2005

ORLANDO, FLORIDA

7:30 am **Booths Open / Student Posters Displayed / Registration** – Engineering Atrium

8:30 am **Introductions:** Roger Wayson, Professor, UCF

Welcome: **John C. Hitt, President, UCF**

9:00 am **Introductions:** Nancy LoBue, Deputy Assistant Administrator for
Policy, Planning & Environment, FAA

Speaker: **Marion C. Blakey, Administrator, FAA (invited)**

10:00 **Introduction of Ambassador Pickering:**

Robert J. Waner, V P of Engineering & New Programs
Boeing Commercial Airplanes

Keynote Address:

Ambassador Thomas R. Pickering
Vice-President International Relations
The Boeing Company

10:30 am **Break** – Engineering Atrium – Booths Open and Posters Displayed
Lockheed Martin - Sponsor

10:45 am **COE Overviews Begin**

TOPIC: *Successes of the Past Year*

Introduction: Patricia Watts, FAA COE Program Director

COE Program Overview: Patrick Lewis, FAA

11:00 am	COE for Noise & Emissions Mitigation (PARTNER) Lourdes Maurice, FAA Ian Waitz, Massachusetts Institute of Technology
11:30 am	FAA Leadership Award Presented by Professor Arnie Barnett to Norm Fujisaki, FAA
11:45 am	Buffet Luncheon – Engineering Atrium Boeing Commercial Airplanes – Sponsor
1:00 pm	Speaker: Arnie Barnett , Massachusetts Institute of Technology <i>World Aviation Safety: The Century So Far</i>
1:30 pm	COE for Operations Research (NEXTOR) Wilson Felder, FAA Scott Simcox, University of California at Berkeley
2:00 pm	COE for Airliner Cabin Environment Research (ACER) Jon Jordan, FAA William Gale, Auburn University
2:30 pm	COE for Airport Technology (CEAT) James R. White, FAA David Lange, University of Illinois, Urbana - Champaign
3:00 pm	Break - Atrium – Booths Open and Posters Displayed Lockheed Martin – Sponsor
3:30 pm	COE for General Aviation (CGAR) Marcia L. Payne, FAA Steve Hampton, Embry-Riddle Aeronautical University
3:30 pm	Joint COE for Advanced Materials Curtis Davies, FAA John Tomblin, Wichita State University Mark Tuttle, University of Washington
4:00 pm	COE for Airworthiness Assurance (AACE) Donald Altobelli, FAA S. D. Rajan, Arizona State University
4:30 pm	Campus Tours

6:00 pm **Awards Banquet**, Radisson Hotel
Cessna Aircraft Company - Sponsor

Opening Comments: Patricia Watts, FAA

Introduction: Norm Fujisaki, Senior Advisor to the
Vice President, Air Traffic Organization – Operations Planning

Speaker: **The Honorable John Goglia**, NTSB (retired)

CHAIR: John Gardner, Boise State University

Presentations: **STUDENT POSTER AWARDS**
Presented by **Robert J. Waner**, VP of Engineering
Boeing Commercial Airplanes, Wichita
DOT COE STUDENT OF THE YEAR AWARD
Presented by **Kevin C. Hoshstrasser**, Director,
Engineering Boeing, Florida Operations
Recipient: **Stephen Lukachko**, MIT
COE LEADERSHIP AWARD
Presented by **John Gardner**, BSU

Wednesday, March 16, 2005

7:30 am **Booths Open** – Atrium

8:30 am **COE Panel:**
TOPIC: *How COEs Can Help Maintain Global Leadership in Aviation*
CHAIR: Norm Fujisaki, FAA
Arnie Barnett, NEXTOR
Lance Sherry, NEXTOR
Aaron Gellman, AACE
Bruce Smith, CGAR

10:00 am **Break** – Atrium – Booths Open
Raytheon - Sponsor

10:30 am **International Round Table:**
TOPIC: *Perspectives on Centers of Excellence Contribution to Global Leadership in Aviation*
CHAIR: **Carl Burleson**, Director, FAA Office of Environment and Energy
Ambassador Edward W. Stimpson, ICAO
Terrence J. Hertz, NASA
David Traynham, BOEING
Robert Shuter, TRANSPORT CANADA
Vahid Motevalli, George Washington University

12:30 pm **Buffet Luncheon** - Engineering Atrium
Pratt & Whitney - Sponsor

1:30 pm Introduction: Roger Wayson, UCF

Speakers: **Ted Elliff**, EUROCONTROL
 The Changing Context of ATM R&D in Europe

David Raper, AERONET
 The European Research Perspective: ECATS

3:00 pm **Closing Comments:** Patricia Watts, FAA
 Roger Wayson, UCF

3:30 pm Lessons Learned – Closed Session
 COE Sponsors, Members, PMs

4:00 pm **Campus Tours**

www.coe.faa.gov

